

**ENVIRONMENTAL SERVICES  
SPB05-894P-B**

**ENERGY LABORATORIES, INC.**

**ATTACHMENT B  
PRICE SHEETS**

## ATTACHMENT B COST PROPOSAL

Water Samples

All values in ug/L unless noted

Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	Cost
Chlorophyll a, corrected for pheophytin	SW10200 H		NA	NA	100	\$65.00
PCBs	EPA 608	varies	varies	varies	varies	\$120.00
SVOA, full list	EPA 625/SW 8270C	varies	varies	varies	varies	\$370.00
SVOA, acid extractables	EPA 625/SW 8270C	varies	varies	varies	varies	\$170.00
SVOA, base/neutral extractables	EPA 625/SW 8270C	varies	varies	varies	varies	\$200.00
SVOA, MT Drinking water list	EPA 525.2	varies	varies	varies	varies	\$300.00
VOA, long list	SW 8260B	varies	varies	varies	varies	\$150.00
VOA, short list	EPA 624/SW 8260B	varies	varies	varies	varies	\$220.00
VOA, drinking water list	EPA 524.2	varies	varies	varies	varies	\$130.00
VPH	Modified Massachusetts	varies	varies	varies	varies	\$120.00
EPH Screen	Modified Massachusetts	varies	varies	varies	varies	\$75.00
Full EPH with PAH	Modified Massachusetts	varies	varies	varies	varies	\$250.00
Full EPH without PAH	Modified Massachusetts	varies	varies	varies	varies	\$200.00
Herbicides	E615/SW8151A	varies	varies	varies	varies	\$225.00
Pesticides	E608/SW8081A	varies	varies	varies	varies	\$200.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables, but may be a common grouping of constituents. Please refer to the appropriate attachment for EDD file specifications.

## Water Samples

All values in ug/L unless noted

Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	Cost
Acidity	A2310 B		NA	0.03 (mg/L)	1 (mg/L)	\$15.00
Alkalinity	A2320 B		NA	0.87 (mg/L)	1 (mg/L)	\$10.00
Ammonia, as N	E350.1	50 (mg/l)	NA	0.03 (mg/L)	0.1 (mg/L)	\$15.00
BOD	A5210 B		NA	NA	1 (mg/L)	\$40.00
Bromide	E300.0		NA	2	10	\$50.00
Cation/Anion Balance	Calculation		NA	NA	NA	
Chloride	E300.0 / A4500-Cl-C		NA	40 / 0.3 (mg/L)	1 (mg/L)	\$10.00
Chlorine, Total Residual	E330.5M		NA	100	100	\$10.00
Chromium VI	A3500-Cr B	5	NA	1	10	\$40.00
COD	E410.4		NA	0.5 (mg/L)	1 (mg/L)	\$25.00
Color	A2120 B	5 (ADMI value)	NA	NA	NA	\$15.00
Cyanide	E335.4	5	NA	3	5	\$30.00
Cyanide, Available	not available					NA
Dissolved Organic Carbon	A5310		0.036 (mg/L)	0.036 (mg/L)	0.1 (mg/L)	\$25.00
Dissolved Gases	SW8015M		0.001(mg/L)	0.001(mg/L)	0.001(mg/L)	\$75.00
Dissolved Oxygen	A4500-O G				100	\$40.00
Fluoride	A4500-F C / E300.0	100	NA / NA	30 / 8 / 2.6	100	\$10.00
Hardness, as CaCO3	Calculation		NA	NA	1000	
Hydrogen Sulfide	E376.1 / E376.2		NA	0.5/0.02 (mg/L)	1/0.04 (mg/L)	25.00/40.
Nitrate, as N	Calculation	10	NA	4	50	\$30.00
Nitrate, as N (low level)	Calculation	10		4	10	\$50.00
Nitrate/Nitrite as N	E353.2	10	NA	0.012	50	\$10.00
Nitrate/Nitrite as N (low level)	E353.2	10	NA	0.012	10	\$25.00
Nitrite, as N	E353.2	10	NA	8	50	\$15.00
Nitrite, as N (low level)	E353.2	10	NA	8	10	\$25.00
Nitrogen, Total Persulfate	A4500-N D	10	NA	20	100	\$40.00
Oil & Grease	E413.1/SW1664A		NA	0.5 (mg/L)	1 (mg/L)	\$60.00
Organic Nitrogen	Calculation		NA	NA	0.5 (mg/L)	
Orthophosphate, as P (SRP)	E365.1	1	NA	3	10	\$10.00
Orthophosphate, as P (LL)	E365.1	1	NA	1	1	\$25.00
pH	E150.1 / A4500-H-B		NA	NA	0.1 (s.u.)	\$10.00
Phosphorus - Total	E365.1		NA	4.3	10	\$15.00

Sulfate	E300.0 / A4500-SO4-E		NA	20 / 23 (mg/L)	1 (mg/L)	\$10.00
Sulfide	see Hydrogen Sulfide					25.00/40.
Sulfite	E377.1		MA	2 (mg/L)	2 (mg/L)	\$30.00
Surfactants	A5540 C		NA	NA	1 (mg/L)	\$10.00
Temperature						
Total Dissolved Solids (TDS)	A2540 C		NA	5.7 (mg/L)	10 (mg/L)	\$10.00
Total Inorganic carbon	SW9060		0.42 (mg/L)	0.42 (mg/L)	0.5 (mg/L)	\$25.00
Total Organic Carbon	SW5310 C		0.03 (mg/L)	0.03 (mg/L)	0.5 (mg/L)	\$40.00
Total Settleable Solids	E160.5		NA	NA	10 (mg/L)	\$10.00
Total Solids	E160.3		NA	1 (mg/L)	10 (mg/L)	\$10.00
Total Suspended Sediment	E160.2		NA	1 (mg/L)	10 (mg/L)	\$10.00
Total Suspended Solids	E160.2		NA	1 (mg/L)	10 (mg/L)	\$10.00
Total Volatile Solids	A2540 E		NA	NA	10 (mg/L)	\$20.00
Turbidity	E180.1	1 NTU	NA	NA	0.01 NTU	\$10.00

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Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion						\$15.00
Aluminum		100				
Antimony		6				
Arsenic		18				
Barium						
Beryllium		4				
Boron						
Cadmium		0.1				
Calcium						
Chromium		1				
Cobalt						
Copper		1				
Iron		10				
Lead		3				
Magnesium						
Manganese		5				
Mercury	E245.1	0.6	0.02	0.02	1	\$10.00
Molybdenum						
Nickel		20				
Potassium						
Selenium		1				
Silver		3				
Sodium						
Strontium						
Thallium		3				
Tin						
Titanium						
Vanadium						
Zinc		10				

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion						\$15.00
Aluminum		100				
Antimony		6				
Arsenic		18				
Barium						
Beryllium		4				
Boron						
Cadmium		0.1				
Calcium						
Chromium		1				
Cobalt						
Copper		1				
Iron		10				
Lead		3				
Magnesium						
Manganese		5				
Mercury	E245.1	0.6	0.02	0.02	0.1	\$25.00
Molybdenum						
Nickel		20				
Potassium						
Selenium		1				
Silver		3				
Sodium						
Strontium						
Thallium		3				
Tin						
Titanium						
Vanadium						
Zinc		10				

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion	E200.2					\$15.00
Aluminum	E200.7	100	5	15	100	\$10.00
Antimony	E200.7	6	4	6	50	\$10.00
Arsenic	E200.7	18	4	10	50	\$10.00
Barium	E200.7		1	2	100	\$10.00
Beryllium	E200.7	4	0.5	2	1	\$10.00
Boron	E200.7		5	26	100	\$10.00
Cadmium	E200.7	0.1	0.4	0.8	1	\$10.00
Calcium	E200.7		20	34	1 (mg/L)	\$10.00
Chromium	E200.7	1	0.5	3	10	\$10.00
Cobalt	E200.7		1	3	10	\$10.00
Copper	E200.7	1	1	3	10	\$10.00
Iron	E200.7	10	0.5	1	30	\$10.00
Lead	E200.7	3	1	4	10	\$10.00
Magnesium	E200.7		14	29	1 (mg/L)	\$10.00
Manganese	E200.7	5	0.2	2	10	\$10.00
Mercury		0.6				
Molybdenum	E200.7		1	3	5	\$10.00
Nickel	E200.7	20	1	2	10	\$10.00
Potassium	E200.7		8	14	1 (mg/L)	\$10.00
Selenium	E200.7	1	17	30	100	\$10.00
Silver	E200.7	3	1	3	5	\$10.00
Sodium	E200.7		46	100	1 (mg/L)	\$10.00
Strontium	E200.7		0.8	1	100	\$10.00
Thallium	E200.7	3	8	9	100	\$10.00
Tin	E200.7		1	2	100	\$10.00
Titanium	E200.7		0.5	0.8	10	\$10.00
Vanadium	E200.7		0.6	2	100	\$10.00
Zinc	E200.7	10	1	2	10	\$10.00

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Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion	E200.2					\$15.00
Aluminum	E200.8	100	0.5	1	100	\$10.00
Antimony	E200.8	6	0.03	0.09	50	\$10.00
Arsenic	E200.8	18	0.1	0.6	50	\$10.00
Barium	E200.8		0.05	0.05	100	\$10.00
Beryllium	E200.8	4	0.02	0.05	1	\$10.00
Boron	E200.8		0.6	0.9	100	\$10.00
Cadmium	E200.8	0.1	0.1	0.1	1	\$10.00
Calcium						
Chromium	E200.8	1	0.07	0.1	10	\$10.00
Cobalt	E200.8		0.01	0.07	10	\$10.00
Copper	E200.8	1	0.1	0.2	10	\$10.00
Iron		10				
Lead	E200.8	3	0.02	0.05	10	\$10.00
Magnesium						
Manganese	E200.8	5	0.03	0.6	10	\$10.00
Mercury	E200.8	0.6	0.006	0.02	1	\$10.00
Molybdenum	E200.8			0.1	5	\$10.00
Nickel	E200.8	20	0.1	0.1	10	\$10.00
Potassium						
Selenium	E200.8	1	0.2	0.3	100	\$10.00
Silver	E200.8	3	0.04	0.04	5	\$10.00
Sodium						
Strontium	E200.8		0.01	0.03	100	\$10.00
Thallium	E200.8	3	0.04	0.05	100	\$10.00
Tin	E200.8		0.06	0.1	100	\$10.00
Titanium	E200.8		0.05	0.1	10	\$10.00
Vanadium	E200.8		0.03	0.3	100	\$10.00
Zinc	E200.8	10	0.3	0.3	10	\$10.00

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Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion	E200.2					\$15.00
Aluminum	E200.8	100	0.5	1	1	\$25.00
Antimony	E200.8	6	0.03	0.05	0.05	\$25.00
Arsenic	E200.8	18	0.1	0.1	0.1	\$25.00
Barium	E200.8		0.05	0.05	0.05	\$25.00
Beryllium	E200.8	4	0.02	0.03	0.03	\$25.00
Boron	E200.8		0.6	0.9	10	\$25.00
Cadmium	E200.8	0.1	0.01	0.01	0.05	\$25.00
Calcium						
Chromium	E200.8	1	0.07	0.1	0.5	\$25.00
Cobalt	E200.8		0.01	0.05	0.05	\$25.00
Copper	E200.8	1	0.1	0.1	0.1	\$25.00
Iron		10				
Lead	E200.8	3	0.02	0.05	0.05	\$25.00
Magnesium						
Manganese	E200.8	5	0.03	0.2	0.2	\$25.00
Mercury	E200.8	0.6	0.006	0.02	0.05	\$25.00
Molybdenum	E200.8			0.05	0.05	\$25.00
Nickel	E200.8	20	0.1	0.1	0.5	\$25.00
Potassium						
Selenium	E200.8	1	0.2	0.3	0.5	\$25.00
Silver	E200.8	3	0.04	0.04	0.05	\$25.00
Sodium						
Strontium	E200.8		0.01	0.03	1	\$25.00
Thallium	E200.8	3	0.04	0.05	0.05	\$25.00
Tin	E200.8		0.06	0.1	1	\$25.00
Titanium	E200.8		0.05	0.1	0.5	\$25.00
Vanadium	E200.8		0.03	0.3	0.5	\$25.00
Zinc	E200.8	10	0.3	0.3	0.5	\$25.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

## Sediment Samples

Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	All values in mg/kg unless noted				Cost
		Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	
Total Metals Digestion	SW3050B					\$25.00
Aluminum	E6010B		0.8	0.8	5	\$10.00
Antimony	E6010B		1	1	5	\$10.00
Arsenic	E6010B		1	1	5	\$10.00
Barium	E6010B		0.02	0.02	5	\$10.00
Beryllium	E6010B		0.009	0.009	5	\$10.00
Boron	E6010B		2	2	5	\$10.00
Cadmium	E6010B		0.05	0.05	5	\$10.00
Calcium	E6010B		2	2	50	\$10.00
Chromium	E6010B		2	2	5	\$10.00
Cobalt	E6010B		0.1	0.1	5	\$10.00
Copper	E6010B		0.2	0.2	5	\$10.00
Iron	E6010B		5	5	5	\$10.00
Lead	E6010B		0.6	0.6	5	\$10.00
Magnesium	E6010B		1	1	50	\$10.00
Manganese	E6010B		0.3	0.3	5	\$10.00
Mercury						
Molybdenum	E6010B		0.2	0.2	5	\$10.00
Nickel	E6010B		0.9	0.9	5	\$10.00
Potassium	E6010B		3	3	50	\$10.00
Selenium	E6010B		2	2	5	\$10.00
Silver	E6010B		0.1	0.1	5	\$10.00
Sodium	E6010B		5	5	50	\$10.00
Strontium	E6010B		0.07	0.07	5	\$10.00
Thallium	E6010B		0.9	0.9	5	\$10.00
Tin	E6010B		0.4	0.4	5	\$10.00
Titanium	E6010B		0.09	0.09	5	\$10.00
Vanadium	E6010B		0.08	0.08	5	\$10.00
Zinc	E6010B		0.2	0.2	5	\$10.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

## Sediment Samples

Sediment Samples		All values in mg/kg unless noted				Cost
Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	
Total Metals Digestion	SW3050B					\$25.00
Aluminum	E6010B		0.8	0.8	0.8	\$25.00
Antimony	E6010B		1	1	1	\$25.00
Arsenic	E6010B		1	1	1	\$25.00
Barium	E6010B		0.02	0.02	0.1	\$25.00
Beryllium	E6010B		0.009	0.009	0.1	\$25.00
Boron	E6010B		2	2	2	\$25.00
Cadmium	E6010B		0.05	0.05	0.1	\$25.00
Calcium	E6010B		2	2	2	\$25.00
Chromium	E6010B		2	2	2	\$25.00
Cobalt	E6010B		0.1	0.1	0.1	\$25.00
Copper	E6010B		0.2	0.2	0.2	\$25.00
Iron	E6010B		8	8	8	\$25.00
Lead	E6010B		0.6	0.6	0.6	\$25.00
Magnesium	E6010B		1	1	1	\$25.00
Manganese	E6010B		0.3	0.3	0.3	\$25.00
Mercury						
Molybdenum	E6010B		0.2	0.2	0.2	\$25.00
Nickel	E6010B		0.9	0.9	0.9	\$25.00
Potassium	E6010B		3	3	3	\$25.00
Selenium	E6010B		2	2	2	\$25.00
Silver	E6010B		0.1	0.1	0.1	\$25.00
Sodium	E6010B		5	5	5	\$25.00
Strontium	E6010B		0.07	0.07	0.1	\$25.00
Thallium	E6010B		0.9	0.9	1	\$25.00
Tin	E6010B		0.4	0.4	0.4	\$25.00
Titanium	E6010B		0.09	0.09	0.1	\$25.00
Vanadium	E6010B		0.08	0.08	0.1	\$25.00
Zinc	E6010B		0.2	0.2	0.2	\$25.00

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Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion	<b>SW3010 - Total metals</b>					\$25.00
Aluminum	E6010B	100	5	15	100	\$10.00
Antimony	E6010B	6	4	6	50	\$10.00
Arsenic	E6010B	18	4	10	50	\$10.00
Barium	E6010B		1	2	100	\$10.00
Beryllium	E6010B	4	0.5	2	1	\$10.00
Boron	E6010B		5	26	100	\$10.00
Cadmium	E6010B	0.1	0.4	0.8	1	\$10.00
Calcium	E6010B		20	34	1 (mg/L)	\$10.00
Chromium	E6010B	1	0.5	3	10	\$10.00
Cobalt	E6010B		1	3	10	\$10.00
Copper	E6010B	1	1	3	10	\$10.00
Iron	E6010B	10	0.5	1	30	\$10.00
Lead	E6010B	3	1	4	10	\$10.00
Magnesium	E6010B		14	29	1 (mg/L)	\$10.00
Manganese	E6010B	5	0.2	2	10	\$10.00
Mercury		0.6				
Molybdenum	E6010B		1	3	5	\$10.00
Nickel	E6010B	20	1	2	10	\$10.00
Potassium	E6010B		8	14	1 (mg/L)	\$10.00
Selenium	E6010B	1	17	30	100	\$10.00
Silver	E6010B	3	1	3	5	\$10.00
Sodium	E6010B		46	100	1 (mg/L)	\$10.00
Strontium	E6010B		0.8	1	100	\$10.00
Thallium	E6010B	3	8	9	100	\$10.00
Tin	E6010B		1	2	100	\$10.00
Titanium	E6010B		0.5	0.8	10	\$10.00
Vanadium	E6010B		0.6	2	100	\$10.00
Zinc	E6010B	10	1	2	10	\$10.00

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Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion	<b>SW3010 - Total metals</b>					\$25.00
Aluminum	E6020	100	0.5	5	100	\$10.00
Antimony	E6020	6	0.03	0.1	50	\$10.00
Arsenic	E6020	18	0.1	0.5	50	\$10.00
Barium	E6020		0.05	0.2	100	\$10.00
Beryllium	E6020	4	0.02	0.07	1	\$10.00
Boron	E6020		0.6	3	100	\$10.00
Cadmium	E6020	0.1	0.1	0.2	1	\$10.00
Calcium						
Chromium	E6020	1	0.07	0.5	10	\$10.00
Cobalt	E6020		0.01	0.3	10	\$10.00
Copper	E6020	1	0.1	0.1	10	\$10.00
Iron		10				
Lead	E6020	3	0.02	0.08	10	\$10.00
Magnesium						
Manganese	E6020	5	0.03	0.9	10	\$10.00
Mercury		0.6	0.006			
Molybdenum	E6020			0.09	5	\$10.00
Nickel	E6020	20	0.1	0.09	10	\$10.00
Potassium						
Selenium	E6020	1	0.2	0.3	100	\$10.00
Silver	E6020	3	0.04	0.05	5	\$10.00
Sodium						
Strontium	E6020		0.01	0.06	100	\$10.00
Thallium	E6020	3	0.04	0.2	100	\$10.00
Tin	E6020		0.06	0.7	100	\$10.00
Titanium	E6020		0.05	0.2	10	\$10.00
Vanadium	E6020		0.03	1	100	\$10.00
Zinc	E6020	10	0.3	2	10	\$10.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables.

For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

## Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion	<b>SW3010 - Total metals</b>					\$25.00
Aluminum	E6020	100	0.5	5	5	\$25.00
Antimony	E6020	6	0.03	0.1	0.1	\$25.00
Arsenic	E6020	18	0.1	0.5	0.5	\$25.00
Barium	E6020		0.05	0.2	0.2	\$25.00
Beryllium	E6020	4	0.02	0.07	0.1	\$25.00
Boron	E6020		0.6	3	10	\$25.00
Cadmium	E6020	0.1	0.1	0.2	0.2	\$25.00
Calcium						
Chromium	E6020	1	0.07	0.5	0.5	\$25.00
Cobalt	E6020		0.01	0.3	0.5	\$25.00
Copper	E6020	1	0.1	0.1	0.1	\$25.00
Iron		10				
Lead	E6020	3	0.02	0.08	0.1	\$25.00
Magnesium						
Manganese	E6020	5	0.03	0.9	1	\$25.00
Mercury		0.6	0.006			
Molybdenum	E6020			0.09	0.1	\$25.00
Nickel	E6020	20	0.1	0.09	0.1	\$25.00
Potassium						
Selenium	E6020	1	0.2	0.3	0.5	\$25.00
Silver	E6020	3	0.04	0.05	0.1	\$25.00
Sodium						
Strontium	E6020		0.01	0.06	0.1	\$25.00
Thallium	E6020	3	0.04	0.2	0.2	\$25.00
Tin	E6020		0.06	0.7	1	\$25.00
Titanium	E6020		0.05	0.2	0.2	\$25.00
Vanadium	E6020		0.03	1	1	\$25.00
Zinc	E6020	10	0.3	2	2	\$25.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

## Water Samples

Parameter*	Preferred Method EPA/Stand. Meth./USGS	Reporting Value from WQB-7, 12/2002	All limits in ug/L			Cost
			Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL - ug/L)	
Laboratory Filtration						\$10.00
Total Recoverable Digestion	<b>SW3010 - Total metals</b>					\$25.00
Aluminum	E6020	100	0.5	5	5	\$25.00
Antimony	E6020	6	0.03	0.1	0.1	\$25.00
Arsenic	E6020	18	0.1	0.5	0.5	\$25.00
Barium	E6020		0.05	0.2	0.2	\$25.00
Beryllium	E6020	4	0.02	0.07	0.1	\$25.00
Boron	E6020		0.6	3	10	\$25.00
Cadmium	E6020	0.1	0.1	0.2	0.2	\$25.00
Calcium						
Chromium	E6020	1	0.07	0.5	0.5	\$25.00
Cobalt	E6020		0.01	0.3	0.5	\$25.00
Copper	E6020	1	0.1	0.1	0.1	\$25.00
Iron		10				
Lead	E6020	3	0.02	0.08	0.1	\$25.00
Magnesium						
Manganese	E6020	5	0.03	0.9	1	\$25.00
Mercury		0.6	0.006			
Molybdenum	E6020			0.09	0.1	\$25.00
Nickel	E6020	20	0.1	0.09	0.1	\$25.00
Potassium						
Selenium	E6020	1	0.2	0.3	0.5	\$25.00
Silver	E6020	3	0.04	0.05	0.1	\$25.00
Sodium						
Strontium	E6020		0.01	0.06	0.1	\$25.00
Thallium	E6020	3	0.04	0.2	0.2	\$25.00
Tin	E6020		0.06	0.7	1	\$25.00
Titanium	E6020		0.05	0.2	0.2	\$25.00
Vanadium	E6020		0.03	1	1	\$25.00
Zinc	E6020	10	0.3	2	2	\$25.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

## Sediment Samples

Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	All values in mg/kg unless noted				Cost
		Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	
Total Metals Digestion	SW3050B					\$25.00
Aluminum	E6020		0.06	0.06	5	\$10.00
Antimony	E6020		0.02	0.02	5	\$10.00
Arsenic	E6020		0.2	0.2	5	\$10.00
Barium	E6020		0.1	0.1	5	\$10.00
Beryllium	E6020		0.06	0.06	5	\$10.00
Boron	E6020		0.1	0.1	5	\$10.00
Cadmium	E6020		0.01	0.01	5	\$10.00
Calcium						
Chromium	E6020		0.1	0.1	5	\$10.00
Cobalt	E6020		0.01	0.01	5	\$10.00
Copper	E6020		0.1	0.1	5	\$10.00
Iron						
Lead	E6020		0.04	0.04	5	\$10.00
Magnesium						
Manganese	E6020		0.03	0.03	5	\$10.00
Mercury						
Molybdenum	E6020		0.03	0.03	5	\$10.00
Nickel	E6020		0.03	0.03	5	\$10.00
Potassium						
Selenium	E6020		0.04	0.04	5	\$10.00
Silver	E6020		0.01	0.01	5	\$10.00
Sodium						
Strontium	E6020		0.02	0.02	5	\$10.00
Thallium	E6020		0.02	0.02	5	\$10.00
Tin	E6020		0.05	0.05	5	\$10.00
Titanium	E6020		0.03	0.03	5	\$10.00
Vanadium	E6020		0.2	0.2	5	\$10.00
Zinc	E6020		0.07	0.07	5	\$10.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.



## Sediment Samples

Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	All values in mg/kg unless noted				Cost
		Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	
Total Metals Digestion	SW3050B					\$25.00
Aluminum	E6020		0.06	0.06	0.06	\$25.00
Antimony	E6020		0.02	0.02	0.02	\$25.00
Arsenic	E6020		0.2	0.2	0.2	\$25.00
Barium	E6020		0.1	0.1	0.1	\$25.00
Beryllium	E6020		0.06	0.06	0.06	\$25.00
Boron	E6020		0.1	0.1	0.1	\$25.00
Cadmium	E6020		0.01	0.01	0.01	\$25.00
Calcium						
Chromium	E6020		0.1	0.1	0.1	\$25.00
Cobalt	E6020		0.01	0.01	0.01	\$25.00
Copper	E6020		0.1	0.1	0.1	\$25.00
Iron						
Lead	E6020		0.04	0.04	0.04	\$25.00
Magnesium						
Manganese	E6020		0.03	0.03	0.03	\$25.00
Mercury						
Molybdenum	E6020		0.03	0.03	0.03	\$25.00
Nickel	E6020		0.03	0.03	0.03	\$25.00
Potassium						
Selenium	E6020		0.04	0.04	0.04	\$25.00
Silver	E6020		0.01	0.01	0.01	\$25.00
Sodium						
Strontium	E6020		0.02	0.02	0.02	\$25.00
Thallium	E6020		0.02	0.02	0.02	\$25.00
Tin	E6020		0.05	0.05	0.05	\$25.00
Titanium	E6020		0.03	0.03	0.03	\$25.00
Vanadium	E6020		0.2	0.2	0.2	\$25.00
Zinc	E6020		0.07	0.07	0.07	\$25.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

## Sediment Samples

Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	All values in mg/kg unless noted				Cost
		Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	
Total Metals Digestion	SW3050B					\$25.00
Aluminum	E6020		0.06	0.06	0.06	\$25.00
Antimony	E6020		0.02	0.02	0.02	\$25.00
Arsenic	E6020		0.2	0.2	0.2	\$25.00
Barium	E6020		0.1	0.1	0.1	\$25.00
Beryllium	E6020		0.06	0.06	0.06	\$25.00
Boron	E6020		0.1	0.1	0.1	\$25.00
Cadmium	E6020		0.01	0.01	0.01	\$25.00
Calcium						
Chromium	E6020		0.1	0.1	0.1	\$25.00
Cobalt	E6020		0.01	0.01	0.01	\$25.00
Copper	E6020		0.1	0.1	0.1	\$25.00
Iron						
Lead	E6020		0.04	0.04	0.04	\$25.00
Magnesium						
Manganese	E6020		0.03	0.03	0.03	\$25.00
Mercury						
Molybdenum	E6020		0.03	0.03	0.03	\$25.00
Nickel	E6020		0.03	0.03	0.03	\$25.00
Potassium						
Selenium	E6020		0.04	0.04	0.04	\$25.00
Silver	E6020		0.01	0.01	0.01	\$25.00
Sodium						
Strontium	E6020		0.02	0.02	0.02	\$25.00
Thallium	E6020		0.02	0.02	0.02	\$25.00
Tin	E6020		0.05	0.05	0.05	\$25.00
Titanium	E6020		0.03	0.03	0.03	\$25.00
Vanadium	E6020		0.2	0.2	0.2	\$25.00
Zinc	E6020		0.07	0.07	0.07	\$25.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

## Sediment Samples

Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	All values in mg/kg unless noted				Cost
		Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	
Total Metals Digestion						\$25.00
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Magnesium						
Manganese						
Mercury	SW7471A		0.02	0.02	1	\$10.00
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

## Sediment Samples

Parameter*	Lab Preferred Method EPA/Stand. Meth./USGS	All values in mg/kg unless noted				Cost
		Reporting Value from WQB-7, 12/2002	Instrument Limit (IDL)	Method Limit (MDL)	Practical Quant. Limit (PQL)	
Total Metals Digestion						\$25.00
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium						
Calcium						
Chromium						
Cobalt						
Copper						
Iron						
Lead						
Magnesium						
Manganese						
Mercury	SW7471A		0.02	0.02	0.02	\$25.00
Molybdenum						
Nickel						
Potassium						
Selenium						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc						

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. For example, the STORET/SIM format may require a separate field for the sample fraction, "Total". Please refer to the appropriate attachment for EDD file specifications.

See below before completing this table\*\*

Parameter*	Preferred Method EPA/Stand. Meth./USGS	All limits in pCi/L				Cost
		Reporting Value from 40CFR 141.26	Instrument Limit (IDL)	Method Limit (MDL)*	Practical Quant. Limit (PQL)*	
Gross a&b	EPA 900.0	7	N/A	1.7	1/2	75.00
Alpha emitters	EPA 900.1	3	N/A	1	1	50.00
Beta/photon emitters	N/A	4	N/A	2	2	50.00
Cesium-134	EPA 901.1	10	N/A	N/A	N/A	75.00
Gamma emitters	EPA 901.1	100	N/A	50	50	75.00
Iodine-131	EPA 901.1	1	N/A	N/A	N/A	75.00
Lead-210	Modified EPA Method 905.0 MODIFIED HASL-300	NR	N/A	1	1	75.00
Polonium-210		NR	N/A	1	1	75.00
Radium 226	EPA 903.0	1	N/A	0.9	1	75.00
Radium 228	EPA 904.0/RA-05	1	N/A	1	1	75.00
Ra226/228 Combined	SUM OF 12,13	2	N/A	1.9	2	150.00
Radon 222	ASTM D 5072-92	NR	N/A	65	100	50.00
Strontium-89	EPA 905.0	10	N/A	1.7	2	100.00
Strontium-90	EPA 905.0	2	N/A	1.7	2	100.00
Tritium	EPA 906.0	1200	N/A	1006	1200	75.00
Uranium	EPA 908.1	1	N/A	0.8	1	25.00

\*Note that parameter names listed herein do not necessarily represent the acceptable Characteristic name for STORET deliverables. Please refer to the appropriate attachment for EDD file specifications.

\* The NPS Program does not require a great deal of radiochemistry testing but it does come up from time to time (e.g., contractors may use Tritium as a tracer to track groundwater flow patterns). This category is special services and covers the potential that surface and groundwaters may, at some point, require the radiochemistry components of DEQ publication WQB-7 and the National Primary Drinking Water standards in 40 CFR Part 141.15 and 141.16. Indication of methods available, ability to meet NPDW Standards (yes/no) and prices charged would satisfy this table.